

Amendments to the Claims:

Please cancel claims 2-7, 10, 11, 13, 14, 17, 20, 21 and 23-33 and amend claims 1, 8, 9, 12, 15, 16, 18, 19 and 22, and add new claims 34-42 as follows. The following listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

*Sub B1
A1
cont*

Claim 1 (Currently Amended). A camera comprising:
photographing means;
positioning means;
positioning timing control means for causing said
5 positioning means to execute positioning at a predetermined
timing asynchronous to a photographing timing of said
photographing means to thereby obtain positional information;
memory means for storing a plurality of images photographed
by said photographing means; and
10 memory control means for storing said positional information
obtained by said positioning timing control means in said memory
means in association with said plurality of photographed images.

Claims 2-7 (Cancelled).

A1
cont
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Claim 8 (Currently Amended). ~~The A camera according to~~
~~claim 1, wherein said predetermined timing for obtaining said~~
~~positional information is when an interval of photographing done~~
~~by said photographing means exceeds a predetermined time~~
comprising:

B1
cont
photographing means;

positioning means;

positioning timing control means for causing said
positioning means to execute positioning to thereby obtain
10 positional information when a predetermined time has passed
without photographing after the photographing of said
photographing means;

memory means for storing a plurality of images photographed
by said photographing means; and

15 memory control means for storing said positional information
obtained by said positioning timing control means in said memory
means in association with said plurality of photographed images.

Claim 9 (Currently Amended). ~~The A camera according to~~
~~claim 1, further comprising:~~

photographing means;

positioning means;

5 photographing instruction means for instructing
photographing by said photographing means, ~~and~~ ;

a/ cont
 photographing control means for performing photographing
using said photographing means to acquire a photographed image
when photographing is instructed by said photographing

10 instruction means; ~~and~~

B/ cont
 ~~wherein said positioning timing control means executes~~
~~positioning by using~~ for causing said positioning means to
execute positioning to thereby acquire positional information
when photographing is instructed by said photographing

15 instruction means; ~~and~~

~~said memory control means includes:~~

memory means for storing a plurality of images photographed
by said photographing means;

20 first memory control means for storing said positional
information acquired by said positioning timing control means in
said memory means in association with a photographed image
acquired by said photographing control means[,]; and

 second memory control means for storing ~~a~~ the photographed
image ~~whose photographing is instructed by said photographing~~

25 ~~instruction means during positioning by said positioning means~~
~~and which is acquired by said photographing control means in said~~
~~memory means in association with said positional information~~
~~stored in said memory by said first memory control means when~~
~~photographing is instructed by said photographing instruction~~
30 ~~means during the positioning of said positioning means.~~

Claims 10-11 (Cancelled).

Claim 12 (Currently Amended). A camera comprising:
photographing means having a series photographing
capability, for acquiring image data of a subject;

positioning means for executing positioning to obtain
5 positional information;

timing control means for controlling a timing at which said
positioning means executes positioning to obtain the positional
information;

series photographing instruction means for ~~giving~~ providing
10 a series photographing instruction to said photographing means to
carry out series photographing;

series photographing control means for performing such
control as to cause said photographing means to execute series

15 photographing to acquire a plurality of photographed images in
response to said series photographing instruction given by said
series photographing instruction means;

*A1
Cont*
memory means for storing said plurality of photographed
images acquired under control of said series photographing
control means; and

*B1
Cont*
20 memory control means for storing said positional information
obtained by said positioning means in said memory means in
association with each of said plurality of photographed images
acquired by said photographing means.

Claims 13-14 (Cancelled).

Claim 15 (Currently Amended). ~~The A camera according to
claim 12, wherein said timing which is controlled by said timing
5 control means is when said photographing means is doing series
photographing comprising:~~

photographing means having a series photographing capability
for acquiring image data of a subject;

positioning means for executing positioning to obtain
10 positional information;

A1 Cont
15 series photographing instruction means for providing a series photographing instruction to said photographing means to carry out series photographing;

B1 Cont
series photographing control means for performing such control as to cause said photographing means to execute series photographing to acquire a plurality of photographed images in response to said series photographing instruction given by said series photographing means;

20 timing control means for controlling a timing at which said positioning means executes positioning to obtain the positional information when said photographing means executes series photographing;

25 memory means for storing said plurality of photographed images acquired under control of said series photographing control means; and

memory control means for storing said positional information obtained by said positioning means in said memory means in association with said plurality of photographed images acquired by said photographing means.

Claim 16 (Currently Amended). ~~The A camera according to claim 12, wherein said timing control means includes comprising:~~

photographing means having a series photographing capability
for acquiring image data of a subject;

5 positioning means for executing positioning to obtain
positional information;

A1 Cont
series photographing instruction means for giving a series
photographing instruction to said photographing means to carry
out series photographing;

B1 Cont
series photographing control means for performing such
control as to cause said photographing means to execute series
photographing to acquire a plurality of photographed images in
response to said series photographing instruction given by said
series photographing instruction means;

15 first positioning timing control means for controlling said
timing in such a way that said positioning means executes
positioning to acquire first positional information before or
immediately after said series photographing instruction is given
by said series photographing instruction means, ~~and~~ ;

20 second positioning timing control means for controlling said
timing in such a way that said positioning means executes
positioning to acquire second positional information immediately
before or immediately after series photographing by said series
photographing control means is finished;

25 ~~said camera further comprises~~ positional information
computing means for computing new positional information using
said first and second positional information; ~~and~~

R' Cont
memory means for storing said plurality of photographed
images acquired under control of said series photographing

30 control means; and

B' Cont
memory control means for storing said positional information
obtained by said positioning means in said memory means in
association with said plurality of photographed images acquired
by said photographing means,

35 wherein said memory control means stores said positional
information computed by said positional information computing
means in said memory means in association with said plurality of
photographed images acquired by said series photographing control
means.

Claim 17 (Cancelled).

Claim 18 (Currently Amended). A camera comprising:
photographing means for acquiring image data of a subject;
positioning means for executing positioning to acquire
positional information; and

5 ~~positioning timing control means for controlling said~~
~~positioning means in such a way that positioning is carried out~~
~~immediately before or immediately after photographing by said~~
~~photographing means;~~
means for inhibiting photographing by said photographing
10 means while positioning is carried out by said positioning means.

A1 Cont

B1 Cont
Claim 19 (Currently Amended). ~~The A camera according to~~
~~claim 18, further comprising photographing instruction means for~~
~~giving a photographing instruction to said photographing means;~~
~~and comprising:~~

5 ~~wherein said positioning timing control means controls said~~
~~positioning means in such a way that positioning is carried out~~
~~immediately before or immediately after said photographing~~
~~instruction is given by said photographing instruction means~~
photographing means for acquiring image data of a subject;
10 positioning means for executing positioning to acquire
positional information; and
notification means for notifying positioning being in
progress while positioning is carried out by said positioning
means.

Claims 20-21 (Cancelled).

Claim 22 (Currently Amended). A camera comprising:

photographing means;

A' Cont
positioning means for executing positioning asynchronously
to a photographing timing of said photographing means; and

B' Cont
5 control means for controlling a positioning operation
executed by said positioning means and a photographing operation
executed by said photographing means in such a way that a
positioning timing of said positioning means and a photographing
timing of said photographing means do not overlap with each
10 other.

Claims 23-33 (Cancelled).

Claim 34 (New). A camera comprising:

a photographing device;

5 a positioning device;

a positioning timing control device which causes said
positioning device to execute positioning at a predetermined
timing asynchronous to a photographing timing of said
photographing device to thereby obtain positional information;

10 a memory for storing a plurality of images photographed by
said photographing device; and

a memory controller which stores said positional information obtained by said positioning timing control device in said memory in association with said plurality of photographed images.

A1 Cont
Claim 35 (New). A camera comprising:

a photographing device;

a positioning device;

a positioning timing control device which causes said

B1 Cont
5 positioning device to execute positioning to thereby obtain positional information when a predetermined time has passed without photographing after the photographing of said photographing device;

a memory which stores a plurality of images photographed by
10 said photographing device; and

a memory control device which stores said positional information obtained by said positioning timing control device in said memory in association with said plurality of photographed images.

Claim 36 (New). A camera comprising:

a photographing device;

a positioning device;

a photographing instruction device which instructs
5 photographing by said photographing device;

A' Cont
a photographing control device which performs photographing
using said photographing device to acquire a photographed image
when photographing is instructed by said photographing
instruction device;

B' Cont
10 a positioning timing control device which causes said
positioning device to execute positioning to thereby acquire
positional information when photographing is instructed by said
photographing instruction device;

a memory which stores a plurality of images photographed by
15 said photographing means;

a first memory control device which stores said positional
information acquired by said positioning timing control device in
said memory in association with a photographed image acquired by
said photographing control device, and

20 a second memory control device which stores the photographed
image acquired by said photographing control device in said
memory in association with said positional information stored in
said memory by said first memory control device when
photographing is instructed by said photographing instruction
25 device during the positioning of said positioning device.

Claim 37 (New). A camera comprising:

A' Cont
a photographing device having a series photographing capabilities, for acquiring image data of a subject;

5 a positioning device which executes positioning to obtain positional information;

B' Cont
a timing control device which controls a timing at which said positioning device executes positioning to obtain the positional information;

10 a series photographing instruction device which provides a series photographing instruction to said photographing device to carry out series photographing;

15 a series photographing control device which performs such control as to cause said photographing device to execute series photographing to acquire a plurality of photographed images in response to said series photographing instruction given by said series photographing instruction device;

a memory which stores said plurality of photographed images acquired under control of said series photographing control device; and

20 a memory controller which stores said positional information obtained by said positioning device in said memory in association with said plurality of photographed images acquired by said photographing device.

A1
Cont
Claim 38 (New). A camera comprising:

a photographing device having a series photographing capability for acquiring image data of a subject;

5 a positioning device which executes positioning to obtain positional information;

B3
Cont
a series photographing instruction device which provides a series photographing instruction to said photographing device to carry out series photographing;

10 a series photographing controller which performs such control as to cause said photographing device to execute series photographing to acquire a plurality of photographed images in response to said series photographing instruction given by said series photographing device;

15 a timing controller which controls a timing at which said positioning device executes positioning to obtain the positional information when said photographing device executes series photographing;

a memory which stores said plurality of photographed images
20 acquired under control of said series photographing controller;
and

1
25 a memory controller which stores said positional information
obtained by said positioning device in said memory in association
with said plurality of photographed images acquired by said
photographing device.

A1 Contd
Claim 39 (New). A camera comprising:

B1 Contd
a photographing device having a series photographing
capability which acquires image data of a subject;

5 a positioning device which executes positioning to obtain
positional information;

a series photographing instruction device which provides a
series photographing instruction to said photographing device to
carry out series photographing;

10 a series photographing controller which performs such
control as to cause said photographing device to execute series
photographing to acquire a plurality of photographed images in
response to said series photographing instruction given by said
series photographing instruction device;

15 a first positioning timing controller which controls said
timing in such a way that said positioning device executes
positioning to acquire first positional information before or
immediately after said series photographing instruction is given
by said series photographing instruction device;

20 a second positioning timing control device which controls
said timing in such a way that said positioning device executes
positioning to acquire second positional information immediately
before or immediately after series photographing by said series
photographing control device is finished;

25 a positional information computing device which computes new
positional information using said first and second positional
information;

a memory which stores said plurality of photographed images
acquired under control of said series photographing controller;
and

30 a memory controller which stores said positional information
obtained by said positioning device in said memory in association
with said plurality of photographed images acquired by said
photographing device,

35 wherein said memory controller stores said positional
information computed by said positional information computing
device in said memory in association with said plurality of
photographed images acquired by said series photographing
controller.

Claim 40 (New). A camera comprising:

a photographing device which acquires image data of a
subject;

A1
Cont
5 a positioning device which executes positioning to acquire
positional information; and

B1
Cont
an inhibiting device which inhibits photographing by said
photographing device while positioning is carried out by said
positioning device.

Claim 41 (New). A camera comprising:

a photographing device which acquires image data of a
subject;

5 a positioning device which executes positioning to acquire
positional information; and

a notification device which notifies positioning being in
progress while positioning is carried out by said positioning
device.

Claim 42 (New). A camera comprising:

a photographing device;

5 a positioning device for executing positioning
asynchronously to a photographing timing of said photographing
device; and

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A'
B'
C'nd
a controller which controls a positioning operation executed
by said positioning device and a photographing device executed by
said photographing device in such a way that a positioning timing
of said positioning device and a photographing timing of said
photographing device do not overlap each other.
